

CLAIMS:

1. A method for manufacturing a combustion chamber of a gas-turbine engine which comprises a plurality of individual cast wall sections, comprising:
 joining the individual wall sections by laser welding to make up the combustion chamber.
2. The method of claim 1,
 wherein the individual cast wall sections are annular/circular segments of the combustion chamber.
3. The method of claim 1,
 wherein the cast wall sections are made from a high-temperature nickel-base casting alloy.
4. The method of claim 2,
 wherein the cast wall sections are made from a high-temperature nickel-base casting alloy.